

Title (en)  
PORTABLE, EASILY COMPOSABLE SUPPORTING SKELETON

Title (de)  
TRAGBARES UND LEICHT ZUSAMMENSETZBARES TRAGGERIPPE

Title (fr)  
STRUCTURE DE SUPPORT PORTABLE ET FACILEMENT ASSEMBLABLE

Publication  
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Application  
**EP 96926044 A 19960813**

Priority

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Abstract (en)

[origin: WO9707299A1] The invention relates to a portable, easily composable supporting skeleton which serves preferably as a supporting structure of buildings composable in situ and their component parts, especially roof trusses of provisionally erected buildings, tents, sports facilities, exhibition grounds, scenographies and even bridges and/or similar structures. The purpose of the invention is to conceive a simple skeleton of interconnected bar-shaped elements, in which as many skeleton components as possible remain interconnected also when in a disassembled state, foreseen, for example, for transport or storage, which will result in the smallest possible volume required by the skeleton when transported or stored. On the other hand the skeleton should be quickly and easily composable in situ, without any special accessories and in the shortest possible time. The skeleton embodied on this basis, comprises in generally at least one pipe-like spacer (2), to the ends (21, 22) of which two dismountable node plates (1) can be fixed, each time two, by means of a clamping assembly (4). Each of said node plates (1) is equipped also with the eyes (12), each of which has at least one through-hole (13). To the eyes (12) on both joint plates (1) of the same spacer (2), one joint assembly (3) consisting of crosswise joints (31, 32), interconnected pivotably, can be attached.

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